

ABSTRACT OF THE DISCLOSURE

A sound device for carrying out a homogenous sound cover for a public addressed area includes an electroacoustic source network (1), wherein each electroacoustic source (1) diffuses a version delayed by a delay (3), filtered by a filter (4) and amplified by the device input signal amplifier (5). The network is substantially rectilinear and vertical, angles θ which are formed by the emitting axes of the electroacoustic sources (1) and a normal to the network are selected such that $\theta_n > \theta_{n-1}$, wherein n is the index of the electroacoustic sources (1) numbered in ascending order from the top of the device to the bottom thereof and the delays (3) interact with the angles θ in such a way that the device generates a wavefront (6) whose shape corresponds to the desired sound cover of the public addressed area.